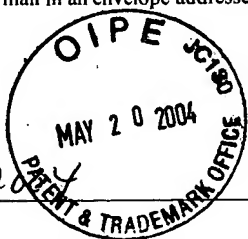


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On

May 18, 2004



TOWNSEND and TOWNSEND and CREW LLP

By:

Mark T. Davis

Mark T. Davis

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
Attorney Docket No.: 02307Z-132800US
Client Reference No.: 2003-145-1

ifw

In re application of:

Julin Wan, Amiya K. Mukherjee,
and Matthew J. Gasch

Application No.: 10/773,758

Filed: February 6, 2004

For: NANOCOMPOSITES OF SILICON
NITRIDE, SILICON CARBIDE, AND
BORON NITRIDE

Examiner: Not Yet Assigned

Art Unit: 1755

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the non-U.S. references are enclosed. In accordance with the USPTO waiver of the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. patent applications filed after June 30, 2003, applicant has not submitted copies of the U.S. references.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

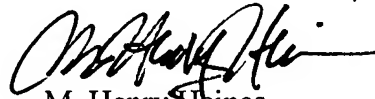
Julin Wan, Amiya K. Mukherjee, and Matthew J.
Gasch
Application No.: 10/773,758
Page 2

PATENT

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



M. Henry Heines
Reg. No. 28,219

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60217872 v1



Substitute for form 1449 PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/773,758	
			Filing Date	February 6, 2004	
			First Named Inventor	Wan, Julin	
			Art Unit	1755	
			Examiner Name	Not Yet Assigned	
Sheet	3	of		Attorney Docket Number	02307Z-132800US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,039,632	08-13-1991	Riedel et al.	
	AB	US-5,386,006	01-31-1995	Matsumoto et al.	
	AC	US-5,424,126	06-13-1995	Tibbetts et al.	
	AD	US-6,025,454	02-15-2000	Sneddon et al.	
	AE	US-6,242,626 B1	06-05-2001	Eiling et al.	
	AF	US-6,478,994 B1	11-12-2002	Sneddon et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS						
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	AG	BUTCHEREIT, Elke et al.; "Precursor-Derived Si-B-C-N Ceramics: Oxidation Kinetics"; <u>J. Am. Ceram. Soc.</u> , 2001, Vol. 84, No. 10, pp. 2184-2188.				
	AH	CHRIST, Martin et al.; "High-Temperature Mechanical Properties of Si-B-C-N-Precursor-Derived Amorphous Ceramics and the Applicability of Deformation Models Developed for Metallic Glasses"; <u>J. Am. Ceram. Soc.</u> , 2000, Vol. 83, No. 12, pp. 3025-3032.				
	AI	CHRIST, Martin et al.; "Anelastic behavior of precursor-derived amorphous ceramics in the system Si-B-C-N"; <u>J. Mater. Res.</u> , 2001, Vol. 16, No. 7, pp. 1994-1997.				
	AJ	FUNAYAMA, Osamu et al.; "Synthesis of a Polyborosilazane and its Conversion into Inorganic Compounds"; <u>J. Am. Ceram. Soc.</u> , 1993, Vol. 76, No. 3, pp. 717-723.				
	AK	LIEW, Li-Anne et al.; "Ceramic MEMS: New Materials, Innovative Processing and Future Applications"; <u>American Ceramic Society Bulletin</u> , 2001, Vol. 80, No. 5, pp. 25-30.				
	AL	LOFFELHOLZ, Josue et al.; "Novel Access to Polyboro- and Polyalumosilazanes Suitable as Precursors for Ternary Nitride Ceramics"; <u>Adv. Mater.</u> , 1995, Vol. 7, No. 3, pp. 289-292.				
	AM	RAMAKRISHNAN, P.A. et al.; "Silicoboron-carbonitride ceramics: A class of high-temperature, dopable electronic materials"; <u>Applied Physics Letters</u> , 2001, Vol. 78, No. 10, pp. 3076-3078.				
	AN	RIEDEL, Ralf et al.; "A silicoboron carbonitride ceramic stable to 2,000 °C"; <u>Nature</u> , 1996, Vol. 382, pp. 796-798.				
	AO	SEYFERTH, Dietmar et al.; "Borasilazane Polymeric Precursors for Borosilicon Nitride"; <u>J. Am. Ceram. Soc.</u> , 1990, Vol. 73, No. 7, pp. 2131-2133.				
	AP	WAN, Julin et al.; "In Situ Densification Behavior in the Pyrolysis Consolidation of Amorphous Si-N-C Bulk Ceramics from Polymer Precursors"; <u>Journal of the American Ceramic Society</u> , 2001, Vol. 84, No. 10, 1 page abstract.				

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
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			Filing Date	February 6, 2004	
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			Art Unit	1755	
			Examiner Name	Not Yet Assigned	
Sheet	4	of		Attorney Docket Number	02307Z-132800US

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NON PATENT LITERATURE DOCUMENTS							
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	AQ	WANG, Zhi-Chang et al.; "Novel Silicon-Boron-Carbon-Nitrogen Materials Thermally Stable up to 2200 °C"; <u>J. Am. Ceram. Soc.</u> , 2001, Vol. 84, No. 10, pp. 2179-2183.					
	AR	WEINMANN, Markus et al.; "Synthesis and Thermal Behavior of Novel Si-B-C-N Ceramic Precursors"; <u>Chem. Mater.</u> , 2000, Vol. 12, pp. 623-632.					

Examiner Signature		Date Considered	
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